TOPOLOGY READING GROUP

This is an invitation to students in Honors Mathematics Courses to join the:
TOPOLOGY READING GROUP
Every Tuesday, 11:00 am -12:15 pm
First Meeting : Tuesday January 21, 2013: Room: To be announced

Required Text: Gamelin and Greene: Introduction to Topology, 2nd edition, Dover press

THIS SEMINAR IS PARTICULARLY APPROPRIATE FOR STUDENTS WHO
SEEK TO JOIN *SUMR* AT THE END OF THE SECOND YEAR
(for information on SUMR go to:. www.nd.edu/∼sumr)

The purpose of this seminar is to introduce undergraduates to General Topology, a topic in higher mathematics accessible to first and second year Honors Mathematics students. Topology is interesting in its own right, but it will prove quite useful in upper level mathematics courses and in graduate work in the mathematically related sciences. The seminar requires work, but not as much work as an Honors Mathematics course.

Students in Mathematics 10860 or 20860 or 20820 can join this seminar. Initially all of the lectures will be given by Professor Frank Connolly. Later students will present some of the material. The seminar will begin with metric topology, a subject with a strong intuitive underpinning.

The paperback text, *T. Gamelin and R. Greene: Introduction to Topology*, published by Dover, 1999, costs about $10.00, plus shipping. (at Amazon.com or other sites, or possibly ND bookstore).

If you would like to join this seminar, please:

a) Reply to this email (to: connolly.1@nd.edu). We will close the seminar if the enrollment reaches eleven. I will send you confirmation of your enrollment.

b) Obtain the text before January 20.

c) Read the Preface and pages 1-7.

d) Then come to the first meeting.